

Directed numbers

Unit Test

PART A

Instructions This part consists of 12 multiple-choice questions
Each question is worth 1 mark
Fill in only ONE CIRCLE for each question
Calculators are NOT allowed

Time allowed: 15 minutes

Total marks = 12

					Marks	
1	$-32 + +18$ equals	(A) -12	(B) $+50$	(C) -14	(D) -50	1
2	$-6 + -3 + -1$ equals	(A) -8	(B) -10	(C) $+10$	(D) $+8$	1
3	$+5 - -6$ equals	(A) $+11$	(B) -11	(C) $+1$	(D) -1	1
4	$(-2)^3$ equals	(A) 8	(B) -6	(C) $+6$	(D) -8	1
5	$-9 - -9$ equals	(A) 18	(B) 0	(C) 1	(D) 81	1
6	$(-6 \times 4) + 8$ equals	(A) -16	(B) $+16$	(C) 32	(D) 18	1
7	$-5 - (6 - -1)$ equals	(A) -10	(B) 12	(C) -12	(D) 0	1
8	$-8 + -2 \times -3$ equals	(A) 14	(B) -14	(C) 2	(D) -2	1
9	If $a = 3$ and $b = -2$ then $(a + b)^2$ equals	(A) 25	(B) 1	(C) 9	(D) 4	1
10	If $x = 2$ and $y = -5$ then $xy + 6$ equals	(A) -4	(B) 16	(C) 4	(D) -16	1
11	$-6 \times -5 \div -2$ equals	(A) 15	(B) 30	(C) -15	(D) -30	1
12	$+36 \div +4 \div -3$ equals	(A) 3	(B) -3	(C) 12	(D) -12	1

Total marks achieved for PART A

12

Directed numbers

Unit Test

PART B

Instructions This part consists of 15 questions
Each question is worth 1 mark
Write answers in the answers-only column

Time allowed: 20 minutes

Total marks = 15

Questions	Answers only	Marks
1 $-5 + 7 - 8 =$	_____	<div>1</div>
2 $(-8)^2 + 3 - 1 =$	_____	<div>1</div>
3 $-7 + -9 =$	_____	<div>1</div>
4 $-9 \times +7 =$	_____	<div>1</div>
5 $(-6)^2 + (-1)^2 + 9 =$	_____	<div>1</div>
6 $-3 \times -5 =$	_____	<div>1</div>
7 $-2 \times -3 \times -4 =$	_____	<div>1</div>
8 $-16 \div 8 =$	_____	<div>1</div>
9 $-35 \div -7 =$	_____	<div>1</div>
10 $60 \div -6 =$	_____	<div>1</div>
11 $-7 + 8 \div (-2) =$	_____	<div>1</div>
12 $(4 - 17) \times (-1 + 3) =$	_____	<div>1</div>
13 $8 + (-3) + 3 - 8 =$	_____	<div>1</div>
14 $-4 + (-4) - 4 =$	_____	<div>1</div>
15 $-2 \times [-27 \div (3 - 12)] =$	_____	<div>1</div>

Total marks achieved for PART B

15